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- Acanthostigma glabrescens** Petrak in *Sydowia*, ii, p. 318, 1948 on a Discomycete.—Ecuador.
- Achlya intricata** Beneke in *J. Elisha Mitchell Sci. Soc.*, lxiv, p. 261, 1948 on *Crataegus* twigs in water.—Illinois, U.S.A.
- sparrowii** Reischer in *Mycologia*, xli, p. 339, 1949 from soil.—New Jersey, U.S.A.
- Aecidium cissicola** Cantournet in *Bull. Soc. mycol. Fr.*, lxiv, p. 170, 1948 on *Cissus* sp.—Africa.
- dorsteniae-walleri** Cantournet in *Bull. Soc. mycol. Fr.*, lxiv, p. 172, 1948 on *Dorstenia walleri*.—Africa.
- ghesquierei** Hendrickx nom. nov. in *Publ. Inst. nat. Étude agron. Congo belge*, Sér. sci., xxxv, p. 7, 1948. (Syn. *A. solani* Beeli, 1923 non Mont., 1852).
- le-testuanum** Cantournet in *Bull. Soc. mycol. Fr.*, lxiv, p. 174, 1948 on *Impatiens irvingi*.—Africa.
- marsdeniae** T. S. & K. Ramakrishnan in *Proc. Indian Acad. Sci.*, Sect. B, xxix, p. 56, 1949 on *Marsdenia volubilis*.—Madras, India.
- Aleuria pectinospora** Švrček in *Studia bot. Cechešlov.*, ix, p. 136, 1948 on soil and dead *Picea excelsa*.—Czechoslovakia.
- Alnicola scolecina** (Fr.) Kühner var. *fellea* Favre in *Beitr. Kryptogamenfl. Schweiz*, x, 3, p. 214, 1948.—Switzerland.
- Amanita agglutinata** (Berk. & Curt.) Murr. in *Lloydia*, xi, p. 104, 1948. (Syn. *Agaricus agglutinator* Berk. & Curt.).
- cokeriana** Singer nom. nov. in *Sydowia*, ii, p. 34, 1948. (Syn. *A. recutita* sensu Coker, non Fr.).
- gemmata** (Fr.) Gill. var. *volvata* (Murr.) Murr. in *Lloydia*, xi, p. 104, 1948. (Syn. *Venenarius gemmatus* var. *volvatus* Murr.).
- mairei** Foley in *Mém. Soc. Hist. nat. Afr. Nord*, Hors-sér., ii, p. 118, 1949 under *Pinus halepensis*.—North Africa.
- mappa** (Fr.) Murr. var. *tenuipes* (Murr.) Murr. in *Lloydia*, xi, p. 105, 1948. (Syn. *Venenarius mappa* var. *tenuipes* Murr.).
- rubens** (Scop.) Murr. in *Lloydia*, xi, p. 104, 1948. (Syn. *Agaricus rubens* Scop.).
- spretella** (Murr.) Murr. in *Lloydia*, xi, p. 105, 1948. (Syn. *Venenarius spretellus* Murr.).
- Amauroderma fuscoporia** Wakefield apud Wakef. & Talbot in *Bothalia*, iv, p. 948, 1948.—South Africa.
- Amazonia sideroxyli** Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 128, 1949 on *Sideroxylon*.—Philippines.
- tetrorchidii** Hansford in *Mycol. Pap. C.M.I.*, 23, p. 19, 1948 on *Tetrorchidium didymostemon*.—Uganda.
- Angiopsora ampelopsidis** (Dietel & Sydow) Thirumalachar & Kern in *Mycologia*, xli, p. 288, 1949. (Syn. *Phakopsora ampelopsidis* Diet. & Syd.).
- hansfordii** (Cumm.) Thirumalachar & Kern in *Mycologia*, xli, p. 286, 1949. (Syn. *Phakopsora hansfordii* Cumm.).
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- aequatoriensis** Petrak in *Sydowia*, ii, p. 46, 1948 on *Adenaria*.—Ecuador.
- APHANODICTYON** Huneeyutt in *J. Elisha Mitchell Sci. Soc.*, lxiv, p. 279, 1948.—Saprolegniaceae.
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- Arcangeliiella magna** (Parks) Zeller in *Mycologia*, xl, p. 643, 1948. (Syn. *Macowanites magnus* Parks).
- Armatella yatesii** Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 151, 1949 on *Neolitsea*.—Philippines.
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- champereiae** Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 149, 1949 on *Champereia cumingiana*.—Philippines.
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- bakeri** (Sydow) Hansford in *Proc. Linn.*

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- **licaniae** (Cooke) Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 140, 1949. (Syn. *Asterina licaniae* Cooke).
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- Asteroma arctii** Politis in *Mém. Soc. Hist. nat. Afr. Nord*, Hors-sér., ii, p. 267, 1949 on dead stems of *Arctium*.—Greece.
- Asteromella urGINEAE** Bremer apud Bremer & Petrak in *Sydowia*, ii, p. 311, 1948 on *Urginea maritima*.—Turkey.
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- **sydowii** Petrak in *Sydowia*, ii, p. 59, 1948 on *Lauraceae*.—Ecuador.
- Asterostromella rumpiana** Talbot apud Wakefield & Talbot in *Bothalia*, iv, p. 939, 1948 on wood.—South Africa.
- Astraeus pteridis** (Shear) Scleroderma *pteridis* (Shear).
- Baeodromus dominicana** (Kern) Thirumalachar & Kern in *Mycologia*, xli, p. 284, 1949. (Syn. *Phakopsora dominicana* Kern).
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- Beauveria alba** (Limber) Saccas in *Rev. de Mycologie*, xiii, p. 64, 1948. (Syn. *Tritirachium album* Limber).
- **dependens** (Limber) Saccas in *Rev. de Mycologie*, xiii, p. 64, 1948. (Syn. *Tritirachium dependens* Limber).
- *— **heimli** Saccas in *Rev. de Mycologie*, xiii, p. 63, 1948 on paper.—France.
- **spicata** (Ferr.) Saccas in *Rev. de Mycologie*, xiii, p. 64, 1948. (Syn. *Tritirachium spicatum* (Ferr.) Limber).
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- Botryosphaeria prosopidis** Mundkur & Sultan Ahmad in *Mycol. Pap. C.M.I.*, 18, p. 3, 1946 on dead *Prosopis spici-gera*.—India.
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- Bremia ganglioniformis** (Casp.) Shaw in *Mycologia*, xli, p. 326, 1949. (Syn. *Peronospora ganglioniformis* Casp.).
- Callistosporium galerinoides** Singer in *Sydowia*, ii, p. 29, 1948.—Florida, U.S.A.
- Calonectria mindoensis** Petrak in *Sydowia*, ii, p. 323, 1948 on *Bambuseae*.—Ecuador.
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- Catacauma torrendiella** Batista in *Bol. Agric., Pernambuco*, xv, p. 132, 1948 on *Cocos nucifera*.—Brazil.
- Cephalosporium eichhorniae** Padwick in *Mycol. Pap. C.M.I.*, 17, p. 10, 1946 on *Eichhornia crassipes*.—India.
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- Cercospora bremeri** Petrak apud Bremer & Petrak in *Sydowia*, ii, p. 312, 1948 on *Morus nigra*.—Turkey.
- **cardamines** Losa España in *An. Jard. bot. Madr.*, vi, p. 453, 1945 on *Cardamine pratensis*.—Spain.
- **salvadorae** Maire in *Botaniste*, xxxiv, p. 308, 1949 on *Salvadora persica*.—Sahara, Africa.
- **trismeriae** Petrak in *Sydowia*, ii, p. 379, 1948 on *Trismeria*.—Ecuador.
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- **canadensis** (Jacks. & Martin) Martin in *Mycologia*, xli, p. 85, 1949. (Syn. *Ceracea canadensis* Jacks. & Martin).
- **crustulinus** (Bourd. & Galz.) Martin in *Mycologia*, xli, p. 85, 1949. (Syn. *Ceracea crustulina* Bourd. & Galz.).
- **pallidus** Martin in *Mycologia*, xli, p. 83, 1949 on rotted *Quercus*.—Iowa, U.S.A.
- CHAETOMELANOPS** Petrak in *Sydowia*, ii, p. 68, 1948.—Dothideales.
- **aequatoriensis** Petrak in *Sydowia*, ii, p. 68, 1948 on leaves of an unknown tree.—Ecuador.
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- Chrysocelis indica** T. S. & K. Ramakrishnan in *Proc. Indian Acad. Sci.*, Sect. B, xxix, p. 49, 1949 on *Justicia betonica*.—Madras, India.
- Chytriumyces tabellariae** (Schröter) Cante in *Trans. Brit. mycol. Soc.*, xxxii, p. 16, 1949. (Syn. *Phlyctidium tabellariae* Schröter).
- Ciliaria umbrorum** (Fr.) Boud. var. **cancrina** Le Gal & Romagnesi apud Le Gal in *Bull. Soc. mycol. Fr.*, lxi, p. 52, 1945.—France.
- Cintractia sclericola** Cantournet in *Bull. Soc. mycol. Fr.*, lxiv, p. 169, 1948 on *Scleria centralis*.—Africa.
- Cladosporium aequatoriense** Petrak in *Sydowia*, ii, p. 380, 1948 on *Mikania*.—Ecuador.
- **bruhnei** Linder nom. nov. in *Bull. nat. Mus. Can.* 97, p. 259, 1947. (Syn. *Hormodendron hordei* Bruhne, non *C. hordei* Pass.).
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- Clavaria cristata** (Holmsk.) Pers. var. **mutans** (Burt) Möller in *Fungi of the Farões*, Part I, p. 117, 1945. (Syn. *Clavaria mutans* Burt.).

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- Clitopilus incrustatus* Singer in *Sydowia*, ii, p. 38, 1948 on wood.—Florida, U.S.A.
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- *rubri* da Camara in *Agron. lusit.*, viii, p. 31, 1946 on *Rubus*.—Portugal.
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- Clypeosphaeria phillyreae* da Camara in *Agron. lusit.*, viii, p. 31, 1946 on *Phillyrea latifolia*.—Portugal.
- Clypeothecium sacchari* Mundkur & Sultan Ahmad in *Mycol. Pap. C.M.I.*, 18, p. 2, 1946 on dead *Saccharum munja*.—India.
- Coccomyces consociatus* Petrak in *Sydowia*, ii, p. 66, 1948 on *Cavendishia*.—Ecuador.
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- *stevensii* Roy nom. nov. in *J. Indian bot. Soc.*, xxvii, p. 101, 1948. (Syn. *Colletotrichum piperis* Stevens, non Petch).
- Collybia alkalivirens* Singer in *Sydowia*, ii, p. 27, 1948.—Virginia, U.S.A.
- *langei* Favre nom. nov. in *Beitr. Kryptogamenfl. Schweiz*, x, 3, p. 85, 1948. (Syn. *Collybia misera* Fr. forma Lange).
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- *vulgaris* Sing. nom. nov. in *Pap. Mich. Acad. Sci.*, xxxii, p. 121, 1946. (For *C. ignobilis* sensu auct. Amer., non Karst.).
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- *salpincta* (Cooke) Cunningham in *Bull. Dep. sci. industr. Res. N.Z.* 77, p. 6, 1948. (Syn. *Polystictus salpinctus* Cooke).
- *schweinitzii* (Fries) Cunningham in *Bull. Dep. sci. industr. Res. N.Z.* 77, p. 7, 1948. (Syn. *Polyporus schweinitzii* Fr.).
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- *tungurahense* Petrak in *Sydowia*, ii, p. 367, 1948 on *Phyllachora pipitocarphae*.—Ecuador.
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- * — var. *stephanosporus* Josserand in *Rev. de Mycologie*, xiii, p. 86, 1948.—France.
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- *lundellii* Bourd. apud J. Eriksson in *Svensk bot. Tidskr.*, xliii, p. 56, 1949 on *Picea abies*.—Sweden.
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- *validus* Favre in *Beitr. Kryptogamenfl. Schweiz*, x, 3, p. 214, 1948.—Switzerland.
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- *ashbyi* (Guill.) Routien in *Mycologia*, xli, p. 185, 1949. (Syn. *Eremothecium ashbyi* Guilliermond).
- Cronartium fici* T. S. & K. Ramakrishnan in *Proc. Indian Acad. Sci.*, Sect. B, xxix, p. 50, 1949 on *Ficus*.—Madras, India.
- Cudoniella borealis* Linder in *Bull. nat. Mus. Can.* 97, p. 253, 1947 on moss.—Canada.
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- Cylindrocolla longispora* da Camara in *Agron. lusit.*, viii, p. 65, 1946 on *Agave americana*.—Portugal.
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- *elegans* (Berk. & Curt.) Martin in *Lloydia*, xi, p. 116, 1948. (Syn. *Guepinia elegans* Berk. & Curt.).
- *fissus* (Berk.) Martin in *Lloydia*, xi, p. 116, 1948. (Syn. *Guepinia fissa* Berk.).
- *spathularia* (Schw.) Martin in *Lloydia*, xi, p. 116, 1948. (Syn. *Merulius spathularia* Schw.).
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- Davincia sydowiana* Petrak in *Sydowia*, ii, p. 43, 1948 on dead stems of herbs.—Ecuador.

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- *—*var. minor* Giovannozzi in *Mycopathologia*, iv, p. 262, 1948 on fermenting tobacco.—Italy.
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- eleocharidis* Sawada in *Mycologia*, xli, p. 268, 1949 on *Eleocharis dulcis*.—China.
- Dictyuchus pseudoachlyoides** Beneke in *J. Elisha Mitchell Sci. Soc.*, lxiv, p. 263, 1948.—Illinois, U.S.A.
- Didymosphaeria armeriae** da Camara in *Agron. lusit.*, viii, p. 29, 1946 on *Armeria pungens*.—Portugal.
- polyspora* Cantournet in *Bull. Soc. mycol. Fr.*, lxiv, p. 176, 1948 on *Hevea brasiliensis*.—Africa.
- verrucispora* Ahmad in *Sydowia*, ii, p. 74, 1948 on dead *Gossypium*.—Pakistan.
- Dimeriella pumila** Petrak in *Sydowia*, ii, p. 328, 1948 on *Chusquea serrulata*.—Ecuador.
- Dimerium liabinum** Petrak in *Sydowia*, ii, p. 330, 1948 on *Liabum*.—Ecuador.
- tungurahuae* Petrak in *Sydowia*, ii, p. 331, 1948 on *Disterigma*.—Ecuador.
- Diplodia calycotomes-villosae** Politis in *Mém. Soc. Hist. nat. Afr. Nord*, Hors-sér., ii, p. 268, 1949 on dead *Calycotome villosa*.—Greece.
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- Domingoella deightonii** Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 118, 1949 on *Schiffnerula*.—Sierra Leone.
- Echidnodes sydowii** Petrak in *Sydowia*, ii, p. 61, 1948 on Lauraceae.—Ecuador.
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- Elasmomyces alpinus** (Zeller) Zeller in *Mycologia*, xl, p. 643, 1948. (Syn. *Macowanites alpinus* Zeller).
- rodwayi* (Masse) Zeller in *Mycologia*, xli, p. 642, 1948. (Syn. *Secotium rodwayi* Masse).
- Elsinoë mattirolanum** Arnaud & Bitancourt in *Mycologia*, xli, p. 322, 1949 on *Arbutus unedo*.—Italy.
- Endocochlus binarius** Drechsler in *Mycologia*, xli, p. 245, 1949 on *Amoeba papyracea*.—North Carolina, U.S.A.
- ENDODESMIDIUM** Canter in *Trans. Brit. mycol. Soc.*, xxxii, p. 72, 1949.—Chytridiales.
- formosum* Canter in *Trans. Brit. mycol. Soc.*, xxxii, p. 73, 1949 on *Netrium oblongum*, *Cylindrocystis crassa*, and *C. brebissonii*.—England.
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- **cappari** Hansford & Deighton in *Mycol. Pap. C.M.I.*, 23, p. 3, 1948 on *Capparis erythrocarpa*.—Sierra Leone.
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- **cathormionis** Hansford & Deighton in *Mycol. Pap. C.M.I.*, 23, p. 25, 1948 on *Cathormion altissimum*.—Sierra Leone.
- **collicola** Hansford & Deighton in *Mycol. Pap. C.M.I.*, 23, p. 16, 1948 on *Cola nitida*.—Sierra Leone.
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- clitocybiformis** Murrill in *Lloydia*, xi, p. 93, 1948.—Florida, U.S.A.
- floridanus** Beards. & Burl. var. **glaber** (Murr.) Murr. in *Lloydia*, xi, p. 89, 1948. (Syn. *Lactaria torminosa* var. *glabra* Murr.).
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- purgatorii** Singer in *Sydowia*, ii, p. 42, 1948.—Massachusetts, U.S.A.
- subisabellinus** Murrill in *Lloydia*, xi, p. 93, 1948.—Florida, U.S.A.
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- excoriatus** (Schaeff. ex Fr.) Singer in *Sydowia*, ii, p. 35, 1948. (Syn. *Lepiota excoriata* Auct.).
- macrorrhizus** (Locquin) Sing. in *Sydowia*, ii, p. 35, 1948. (Syn. *Leuocoprinus macrorrhizus* Locquin).
- rubrotinctus** (Peck) Singer in *Sydowia*, ii, p. 36, 1948. (Syn. *Lepiota rubrotincta* Peck).
- LOPHOTRICHUS** Benjamin in *Mycologia*, xli, p. 347, 1949.—Chaetomiaceae. Type, *L. ampullus*.
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- aphyllantis** Alcalde in *An. Jard. bot. Madr.*, vi, p. 409, 1945 on *Aphyllanthes monspeliensis*.—Spain.
- asphodeli** Ahmad in *Sydowia*, ii, p. 79, 1948 on dead *Asphodelus tenuifolius*.—Pakistan.
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- Melanoleuca cavipes** Métrod in *Bull. Soc. mycol. Fr.*, lxiv, p. 164, 1948.—France.
- contracta** Métrod in *Bull. Soc. mycol. Fr.*, lxiv, p. 159, 1948.—France.
- humilis** (Fries ex Persoon) Métrod in *Bull. Soc. mycol. Fr.*, lxiv, p. 158, 1948. [Syn. not cited].
- intervenosa** Métrod in *Bull. Soc. mycol. Fr.*, lxiv, p. 160, 1948.—France.
- leucophylla** Métrod in *Bull. Soc. mycol. Fr.*, lxiv, p. 161, 1948.—France.
- nigripes** Métrod in *Bull. Soc. mycol. Fr.*, lxiv, p. 164, 1948.—France.
- stridula** (Fries) Métrod in *Bull. Soc. mycol. Fr.*, lxiv, p. 154, 1948. [Syn. not cited].
- subpulverulenta** (Persoon) Métrod in *Bull. Soc. mycol. Fr.*, lxiv, p. 159, 1948. [Syn. not cited].
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- esculentum** (P. Henn.) Mundkur & Thirumalachar in *Mycol. Pap. C.M.I.*, 16, p. 2, 1946. (Syn. *Ustilago esculenta* P. Henn.).
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- var. **flexuosa** Hansford & Deighton in *Mycol. Pap. C.M.I.*, 23, p. 22, 1948 on *Delonix regia*.—Sierra Leone.
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 - var. **lecaniodisci** Hansford & Deighton in *Mycol. Pap. C.M.I.*, 23, p. 46, 1948 on *Lecaniodiscus cupanioides*.—Sierra Leone.
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- Penzigia capparidis** (Mundkur & Ahmad) Ahmad in *Sydowia*, ii, p. 73, 1948. (Syn. *Bagnisiopsis capparidis* Mundkur & Ahmad).
- Peronospora astragali-purpurei** Mayor & Viennot-Bourgin in *Rev. Path. Vég.*, xxviii, p. 42, 1949 on *Astragalus purpureus*.—France.
- **embergeri** Mayor & Viennot-Bourgin in *Rev. Path. Vég.*, xxviii, p. 37, 1949 on *Euphorbia characias*.—France.
- Pestalotia aeruginosa** Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 186, 1948 on *Camellia thea*.—Belgian Congo.
- **carbonacea** Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 183, 1948 on *Euphorbia dawei*.—Belgian Congo.
- **mayumbensis** Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 176, 1948 on *Elaeis guineensis*.—Belgian Congo.
- PHAEODOTHIORA** Petrak in *Sydowia*, ii, p. 82, 1948.—Dothioraceae.
- *— **sinensis** Petrak in *Sydowia*, ii, p. 82, 1948 on *Jasminum mesnyi*.—China.
- Phaeomarasmius carpophilus** (Fr.) Sing. in *Sydowia*, ii, p. 37, 1948. (Syn. *Naucoria carpophila* (Fr.) Quél.).
- Phakopsora burserae** (Sydow) Thirumalachar & Kern in *Mycologia*, xli, p. 287, 1949. (Syn. *Physopella burserae* Sydow).
- Phleospora ulmea** Politis in *Mém. Soc. Hist. nat. Afr. Nord*, Hors-sér., ii, p. 269, 1949 on *Ulmus campestris*.—Greece.
- Phlyctochytrium magnum** Linder in *Bull. nat. Mus. Can.* 97, p. 243, 1947 on *Zygnema*.—Canada.
- Pholiota praticola** Möller in *Fungi of the Farøes*, Part I, p. 231, 1945.—Farøe Islands.
- **spumosa** (Fr.) Sing. in *Sydowia*, ii, p. 37, 1948. (Syn. *Flammula spumosa* (Fr.) Karst.).
- Phoma carlinae** Politis in *Mém. Soc. Hist. nat. Afr. Nord*, Hors-sér., ii, p. 267, 1949 on dead *Carlina graeca*.—Greece.
- **chenopodii** Ahmad in *Sydowia*, ii, p. 79, 1948 on dead *Chenopodium album*.—Pakistan.
- **graminis** Ahmad in *Sydowia*, ii, p. 77, 1948 on dead *Eleusine flagellifera*.—Pakistan.
- **mangiferae** Ahmad in *Sydowia*, ii, p. 78, 1948 on dead *Mangifera indica*.—Pakistan.
- **nyctaginea** F. Tassi var. **boerhaaviae** Ahmad in *Sydowia*, ii, p. 78, 1948 on dead *Boerhaavia diffusa*.—Pakistan.
- **polygoni-avicularis** Politis in *Mém. Soc. Hist. nat. Afr. Nord*, Hors-sér., ii, p. 267, 1949 on dead *Polygonum aviculare*.—Greece.
- **psidii** Ahmad in *Sydowia*, ii, p. 78, 1948 on dead *Psidium guajava*.—Pakistan.
- **salicis-albae** Politis in *Mém. Soc. Hist. nat. Afr. Nord*, Hors-sér., ii, p. 267, 1949 on dead *Salix alba*.—Greece.
- **sambuci-ebuli** Politis in *Mém. Soc. Hist. nat. Afr. Nord*, Hors-sér., ii, p. 267, 1949 on dead *Sambucus ebulus*.—Greece.
- **sibthorpii** Politis in *Mém. Soc. Hist. nat. Afr. Nord*, Hors-sér., ii, p. 267, 1949 on dead *Euphorbia sibthorpii*.—Greece.
- **zizyphina** Ahmad in *Sydowia*, ii, p. 78, 1948 on dead *Zizyphus jujuba*.—Pakistan.
- Phomatospora salvadorina** Ahmad in *Sydowia*, ii, p. 74, 1948 on dead *Salvadora oleoides*.—Pakistan.
- Phomopsis diospyri** Bongini (1948). [This *Index*, p. 230]. Cf. *P. diospyri* Zerova (1940). [This *Index*, p. 28].
- **mindoensis** Petrak in *Sydowia*, ii, p. 369, 1948 on Palmaeae.—Ecuador.
- Phragmopeltis chrysoclamydis** Petrak in *Sydowia*, ii, p. 371, 1948 on *Chrysoclamys*.—Ecuador.
- Phyllachora clusiae** Petrak in *Sydowia*, ii, p. 350, 1948 on *Clusia*.—Ecuador.
- **detecta** Petrak in *Sydowia*, ii, p. 351, 1948 on ?*Nectandra*.—Ecuador.
- **emarginata** Petrak in *Sydowia*, ii, p. 354, 1948 on ?*Eugenia*.—Ecuador.
- **henningsii** Hendriekx nom. nov. in *Publ. Inst. nat. Étude agron. Congo belge*, Sér. sci., xxxv, p. 8, 1948. (Syn. *P. eleusines* P. Henn., non Speg.).
- **pichinchae** Petrak in *Sydowia*, ii, p. 357, 1948 on *Acalypha*.—Ecuador.
- **piptocarphae** Petrak in *Sydowia*, ii, p. 359, 1948 on *Piptocarpha*.—Ecuador.
- **teneriffae** Petrak in *Sydowia*, ii, p. 233, 1948 on *Festuca agustini*.—Teneriffe.
- Phyllachorella cestri** (Pat.) Petr. in *Sydowia*, ii, p. 360, 1948. (Syn. *Stigmataea cestri* Pat.).
- Phyllosticta cycadis** Ahmad in *Sydowia*, ii, p. 77, 1948 on *Cycas circinalis*.—Pakistan.
- **ficina** Ahmad in *Sydowia*, ii, p. 77, 1948 on *Ficus elastica*.—Pakistan.
- *— **magnoliae-pumilae** Sawada in *Trans. nat. Hist. Soc. Formosa*, xxxii, 227, p. 290, 1942 on *Magnolia pumila*.—Formosa. [In Japanese].
- Phytophthora himalayensis** Dastur in *Indian Phytopathology*, i, p. 24, 1948 on *Solanum tuberosum*.—India.
- Pistillina calyx** Heim in *Mém. Soc. Hist. nat. Afr. Nord*, Hors-sér., ii, p. 152, 1949 in woods.—Madagascar.
- Plasmopara hepaticae** (Caspary) Shaw in *Mycologia*, xli, p. 334, 1949. (Syn. *Peronospora hepaticae* Casp.).
- Platyglœa brunnea** (Martin) Martin in *Lloydia*, xi, p. 119, 1948. (Syn. *Tyibodasia brunnea* Martin).
- **decipiens** Martin in *Lloydia*, xi, p. 119, 1948.—Panama.
- Plenodomus helveticus** Petrak in *Sydowia*, ii, p. 239, 1948 on *Veronica bellidioides*.—Switzerland.
- Pluteus granulatus** Bres. var. **tenellus** Favre in *Beitr. Kryptogamenfl. Schweiz*, x, 3, p. 213, 1948.—Switzerland.

- Polyporus doidgeae** Wakefield apud Wakef. & Talbot in *Bothalia*, iv, p. 948, 1948 on wood of *Acacia mollissima*.—South Africa.
- **patouillardii** Rick var. **congoensis** (Patouill. & Heim) Hendrickx in *Publ. Inst. nat. Étude agron. Congo belge*, Sér. sci., xxxv, p. 8, 1948. (Syn. *Xanthochrous patouillardii* (Rick) Theiss. var. *congoensis* Patouill. & Heim).
- * — **stewartae** Coker in *J. Elisha Mitchell Sci. Soc.*, lxiv, p. 295, 1948.—North Carolina, U.S.A.
- **stramineus** (Patouill.) Hendrickx in *Publ. Inst. nat. Étude agron. Congo belge*, Sér. sci., xxxv, p. 8, 1948. (Syn. *Spongipellis stramineus* Patouill.).
- var. **africanus** (Patouill. & Heim) Hendrickx in *Publ. Inst. nat. Étude agron. Congo belge*, Sér. sci., xxxv, p. 8, 1948. (Syn. *Spongipellis stramineus* var. *africanus* Patouill. & Heim).
- Poria xantha** (Fr.) Cooke f. **pachymeres** J. Eriksson nom. nov. in *Svensk bot. Tidskr.*, xliii, p. 22, 1949. (Syn. *Trametes cinereosulfurea* Ferd. & Winge, &c.).
- * **Protomyces ixeridis-oldhami** Sawada in *Trans. nat. Hist. Soc. Formosa*, xxxii, 222, p. 130, 1942 on *Ixeris oldhami*.—Formosa. [In Japanese].
- Protuberia brunnea** (Zeller) Zeller in *Mycologia*, xl, p. 644, 1948. (Syn. *Protophallus brunneus* Zeller).
- **jamaicensis** (Murrill) Zeller in *Mycologia*, xl, p. 644, 1948. (Syn. *Protophallus jamaicensis* Murrill).
- Psathyrella acutilamella** Favre nom. nov. in *Beitr. Kryptogamenfl. Schweiz*, x, 3, p. 150, 1948. (Syn. *Psathyra gordonii* Lange, non B. & Br.).
- **saponacea** Möller in *Fungi of the Faröes*, Part I, p. 179, 1945.—Faröe Islands.
- **typhae** (Kalchbr.) Kühn var. **sulcatotuberculosa** Favre in *Beitr. Kryptogamenfl. Schweiz*, x, 3, p. 215, 1948.—Switzerland.
- Pseudoplectania nigrella** var. **episphagnum** Favre in *Beitr. Kryptogamenfl. Schweiz*, x, 3, p. 212, 1948.—Switzerland.
- Psilocybe bulbosa** (Peck) Smith in *Mycologia*, xl, p. 694, 1948. (Syn. *Deconica bulbosa* Peck).
- **cubensis** (Earle) Sing. in *Sydowia*, ii, p. 37, 1948. (Syn. *Stropharia cubensis* Earle).
- **fuliginosa** (Murrill) Smith in *Mycologia*, xl, p. 697, 1948. (Syn. *Atylospora fuliginosa* Murrill).
- **lateritia** (Murrill) Smith in *Mycologia*, xl, p. 698, 1948. (Syn. *Psathyra lateritia* Murrill).
- **mammillata** (Murr.) Smith in *Mycologia*, xl, p. 700, 1948. (Syn. *Psathyra mammillata* Murrill).
- **modesta** (Peck) Smith in *Mycologia*, xl, p. 700, 1948. [Syn. not cited].
- **pallidisporea** (Murrill) Smith in *Mycologia*, xl, p. 701, 1948. [Syn. not cited].
- **pyrispora** (Murrill) Smith in *Mycologia*, xl, p. 703, 1948. (Syn. *Deconica pyrispora* Murrill).
- **tomentosa** (Murrill) Smith in *Mycologia*, xl, p. 705, 1948. [Syn. not cited].
- Puccinia aequitatis** Cummins in *Bull. Torrey bot. Cl.*, lxxvi, p. 35, 1949 on *Benzoin*.—Kwangsi, China.
- **allii-cepulae** Mundkur & Thirumalachar in *Mycol. Pap. C.M.I.*, 16, p. 15, 1946 on *Allium cepa*.—India.
- **cara** Cummins in *Bull. Torrey bot. Cl.*, lxxvi, p. 35, 1949 on *Benzoin*.—Kwangsi, China.
- **cinnamomicola** Cummins in *Bull. Torrey bot. Cl.*, lxxvi, p. 32, 1949 on *Cinnamomum*.—Kwangsi, China.
- **clematidis-secalis** Dupias in *Bull. Soc. mycol. Fr.*, lxiv, p. 182, 1948 on *Clematis vitalba* and *Secale cereale*.—France.
- **coronopsora** Cummins in *Bull. Torrey bot. Cl.*, lxxvi, p. 36, 1949 on *Lindera*.—Kweichow, China.
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- **jasminicola** T. S. & K. Ramakrishnan in *Proc. Indian Acad. Sci., Sect. B*, xxix, p. 53, 1949 on *Jasminum flexile*.—Madras, India.
- **lauricola** Cummins in *Bull. Torrey bot. Cl.*, lxxvi, p. 38, 1949 on *Lindera strychnifolia*.—Kwangsi, China.
- **machili** Cummins in *Bull. Torrey bot. Cl.*, lxxvi, p. 36, 1949 on *Machilus*.—Kwangsi, China.
- **machilicola** Cummins in *Bull. Torrey bot. Cl.*, lxxvi, p. 36, 1949 on *Machilus*.—Kweichow, China.
- **morata** Cummins in *Bull. Torrey bot. Cl.*, lxxvi, p. 33, 1949 on *Litsea*.—Kwangsi, China.
- **operta** Mundkur & Thirumalachar in *Mycol. Pap. C.M.I.*, 16, p. 10, 1946 on *Coix lachryma-jobi*.—India.
- **scimitriformis** Cummins in *Bull. Torrey bot. Cl.*, lxxvi, p. 33, 1949 on *Persea*.—Kwangsi, China.
- **seposita** Cummins in *Bull. Torrey bot. Cl.*, lxxvi, p. 33, 1949 on *Benzoin*.—Kwangsi, China.
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- **tatrensis** Urban in *Studia bot. Českoslov.*, ix, p. 57, 1948 on *Geum reptans*.—Czechoslovakia.
- **ustalis** Berk. var. **pulsatillae** (Kalchbr.) Linder in *Bull. nat. Mus. Can.* 97, p. 266, 1947. (Syn. *Puccinia pulsatillae* Kalchbr.).
- Pyrrhoglossum stipitatum** Singer in *Sydowia*, ii, p. 37, 1948 on wood.—British Guiana.
- Pythium multisporum** Poitras in *Mycologia*, xli, p. 171, 1949 from soil.—Illinois, U.S.A.
- Radiigera cinnamomea** Zeller in *Mycologia*, xl, p. 652, 1948.—Pennsylvania, U.S.A.
- Ramularia acroptili** Bremer apud Bremer & Petrak in *Sydowia*, ii, p. 315, 1948 on *Acroptilon picris*.—Turkey.
- Ravenelia acaciae-arabicae** Mundkur & Thirumalachar in *Mycol. Pap. C.M.I.*, 16, p. 17, 1946 on *Acacia arabica*.—India.
- **acaciae-concinnae** Mundkur & Thirumalachar in *Mycol. Pap. C.M.I.*, 16, p. 18, 1946 on *Acacia concinna*.—India.
- **acaciae-sumae** Mundkur & Thirumalachar in *Mycol. Pap. C.M.I.*, 16, p. 18, 1946 on *Acacia suma*.—India.
- **berkeleyi** Mundkur & Thirumalachar in *Mycol. Pap. C.M.I.*, 16, p. 19, 1946 on *Cassia absus*.—India.
- **breyntiae-patentis** Mundkur & Thirumalachar in *Mycol. Pap. C.M.I.*, 16, p. 21, 1946 on *Breynia patens*.—India.

- *kirganelliae* Mundkur & Thirumalachar in *Mycol. Pap. C.M.I.*, 16, p. 22, 1946 on *Phyllanthus reticulatus*.—India.
- *phyllanthi* Mundkur & Thirumalachar in *Mycol. Pap. C.M.I.*, 16, p. 24, 1946 on *Phyllanthus polyphyllus*.—India.
- Rhadospora arctii** Politis in *Mém. Soc. Hist. nat. Afr. Nord, Hors-sér.*, ii, p. 268, 1949 on dead *Arctium*.—Greece.
- Rhodopaxillus densifolius** Favre in *Beitr. Kryptogamenfl. Schweiz*, x, 3, p. 212, 1948.—Switzerland.
- Rhodophyllus (Eccilia) undatus** (Fr.) Quél. var. *odorus* Favre in *Beitr. Kryptogamenfl. Schweiz*, x, 3, p. 212, 1948.—Switzerland.
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- ***Rhodotorula mucilaginis** (Jörg.) Harrison var. *kentuckyi* Giovannozzi in *Mycopathologia*, iv, p. 264, 1948 on fermenting tobacco.—Italy.
- * — var. *scafati* Giovannozzi in *Mycopathologia*, iv, p. 264, 1948 on fermenting tobacco.—Italy.
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- Rostrupia ammophilae** (Syd.) Wilson in *Proc. bot. Soc. Edinburgh*, xxxiii, p. iv, 1940. (Syn. *Uredo ammophilae* Syd.).
- Russula appalachiensis** Singer in *Sydowia*, ii, p. 39, 1948.—Virginia, U.S.A.
- *dadmunii* Singer in *Sydowia*, ii, p. 39, 1948.—Massachusetts, U.S.A.
- Saccobolus kerverni** (Crouan) Boud. f. *minor* Rayss in *Palest. J. Bot.*, J. Ser., iv, p. 73, 1947.—Palestine.
- Schiffnerula cassiae** Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 151, 1949 on *Cassia kirkii*.—Sierra Leone.
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- *crotonis* Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 149, 1949 on *Croton gossypifolius*.—Costa Rica.
- *hippocrateae* Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 116, 1949 on *Hippocratea velutina*.—Sierra Leone.
- *periplocae* Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 150, 1949 on *Periploca nigrescens*.—Sierra Leone.
- *ricini* Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 117, 1949 on *Ricinus communis*.—Sierra Leone.
- *scopariae* Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 117, 1949 on *Scoparia dulcis*.—Sierra Leone.
- *solani* Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 118, 1949 on *Solanum melongena*.—Sierra Leone.
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- Secotium albipes** Zeller in *Mycologia*, xl, p. 657, 1948.—California, U.S.A.
- Septoria blumeri** Petrak in *Sydowia*, ii, p. 241, 1948 on *Lathyrus leucae*.—Switzerland.
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- *coriariicola* Petrak in *Sydowia*, ii, p. 373, 1948 on *Coriaria*.—Ecuador.
- *gynoxidina* Petrak in *Sydowia*, ii, p. 375, 1948 on *Gynoxis*.—Ecuador.
- *maireana* Politis in *Mém. Soc. Hist. nat. Afr. Nord, Hors-sér.*, ii, p. 268, 1949 on *Rubia tinctorum*.—Greece.
- *obclavata* Petrak in *Sydowia*, ii, p. 237, 1948 on *Festuca filiformis*.—Teneriffe.
- *pichinchica* Petrak in *Sydowia*, ii, p. 376, 1948 on ?*Eugenia*.—Ecuador.
- Serpula domestica** (Falck) Bondartzev in *Pfiroda*, 1948, p. 41, 1948. (Syn. *Merulius domestica* Falck).
- *minor* (Falck) Bondartzev in *Pfiroda*, 1948, p. 41, 1948. (Syn. *Merulius minor* Falck).
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- *digitariae* (Kunze) Padwick in *Mycol. Pap. C.M.I.*, 17, p. 8, 1946. (Syn. *Uredo digitariae* Kunze).
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- *isachnes* (Syd.) Ling in *Mycologia*, xli, p. 262, 1949. (Syn. *Ustilago isachnes* Syd.).
- Sphaerella broteriana** Alcalde in *An. Jard. bot. Madr.*, vi, p. 402, 1945 on *Potentilla rupestris*.—Spain.
- Sphaeropsis cycadis** Mundkur & Sultan Ahmad in *Mycol. Pap. C.M.I.*, 18, p. 9, 1946 on *Cycas circinalis*.—India.
- Sphaerulina quitensis** Petrak in *Sydowia*, ii, p. 364, 1948 on *Psammisia*.—Ecuador.
- Stachybotryella bispora** Hansford in *Proc. Linn. Soc. Lond.*, clx, p. 149, 1949 on *Memecylon subfurfuraceum*.—Philippines.
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- *membranacea* Heim in *Mém. Soc. Hist. nat. Afr. Nord, Hors-sér.*, ii, p. 149, 1949 in woods.—Madagascar. (Nom. nud. in *C.R. Acad. Sci., Paris*, cevi, p. 1, 1920, 1938).
- Stereum rimosum** Berk. var. *africanum* Talbot apud Wakefield & Talbot in *Bothalia*, iv, p. 945, 1948 on wood.—South Africa.
- ***Stropharia laceriannula** Sawada in *Trans. nat. Hist. Soc. Formosa*, xxxii, 220, p. 26, 1942.—Formosa. [In Japanese].
- *merdaria* Fr. f. *macrospora* Möller in *Fungi of the Farões*, Part I, p. 195, 1945.—Farøe Islands.
- var. *exigua* Möller in *Fungi of the Farões*, Part I, p. 196, 1945.—Farøe Islands.
- Stropharia stercoraria** (Schum.) Fr. var. *minor* Möller in *Fungi of the Farões*, Part I, p. 202, 1945.—Farøe Islands.
- f. *sterilis* Möller in *Fungi of the Farões*, Part I, p. 202, 1945.—Farøe Islands.
- Synchytrium fragariae** Zeller & Campbell in *Phytopathology*, xxxix, p. 150, 1949 on *Fragaria*.—U.S.A.
- *phaseoli* Patel, Kulkarni, & Dhande in *Curr. Sci.*, xviii, p. 171, 1949 on *Phaseolus mungo*.—India.
- *sambuci* Cook in *Mycologia*, xli, p. 27, 1949 on *Sambucus canadensis*.—Louisiana, U.S.A.

- Taphrina americana** Mix in *Trans. Kans. Acad. Sci.*, 1, p. 80, 1947 on *Betula* spp.—U.S.A.
- **bartholomaei** Mix nom. nov. in *Univ. Kansas Sci. Bull.*, xxxiii, p. 149, 1949. (Syn. *Eoascus aceris* Dearn. & Barth., non Linhart).
- **blechni** Bresadola apud Mix in *Trans. Kans. Acad. Sci.*, 1, p. 77, 1947 on *Blechnum* sp.—Brazil.
- **darkeri** Mix in *Trans. Kans. Acad. Sci.*, 1, p. 82, 1947 on *Acer circinatum*.—Oregon, U.S.A.
- **orientalis** Mix in *Trans. Kans. Acad. Sci.*, 1, p. 80, 1947 on *Pyrus lindleyi*.—Japan.
- 50, — **padi** Mix (as '(Jacq.) sp. nov.') in *Trans. Kans. Acad. Sci.*, 1, p. 81, 1947 on *Prunus padus*.—Sweden.
- **populi-salicis** Mix in *Trans. Kans. Acad. Sci.*, 1, p. 78, 1947 on *Populus fremontii*, *P. trichocarpa*, and *Salix laevigata*.—California and Oregon, U.S.A.
- **thomasi** Mix in *Trans. Kans. Acad. Sci.*, 1, p. 81, 1947 on *Prunus ilicifolia*.—California, U.S.A.
- TELLIGIA** Hendrickx nom. nov. in *Publ. Inst. nat. Étude agron. Congo belge, Sér. sci.*, xxxv, p. 8, 1948. Moniliaceae, based on *Gilletia* Torrend, non Penz. & Sacc.
- **cinnabarina** (Torrend) Hendrickx in *Publ. Inst. nat. Étude agron. Congo belge, Sér. sci.*, xxxv, p. 8, 1948. (Syn. *Gilletia cinnabarina* Torrend apud de Wildeman).
- Thecaphora fimbristylidis** Mundkur & Thirumalachar in *Mycol. Pap. C.M.I.*, 16, p. 4, 1946 on *Fimbristylis monostachya*.—India.
- THRINACOSPORA** Petrak in *Sydowia*, ii, p. 49, 1948.—Sphaeropsidales.
- **insignis** Petrak in *Sydowia*, ii, p. 49, 1948 on *Coriaria thymifolia*.—Ecuador.
- Tilletia alopecuri** (Saw.) Ling in *Mycologia*, xli, p. 252, 1949. (Syn. *Entyloma alopecuri* Saw.).
- Tolyposporella brachiariae** Mundkur & Thirumalachar in *Mycol. Pap. C.M.I.*, 16, p. 5, 1946 on *Brachiaris distachya*.—India.
- Torrubiella confragosa** Mains in *Mycologia*, xli, p. 305, 1949 on scale-insects.—Brazil.
- **liberiana** Mains in *Mycologia*, xli, p. 306, 1949 on an ant.—Liberia.
- **pulvinata** Mains in *Mycologia*, xli, p. 303, 1949 on Opilionoidea.—Hawaii.
- Torsellia sydowii** Petrak in *Sydowia*, ii, p. 377, 1948 on dead *Sapium*.—Ecuador.
- Torulopsis aggregata** (Anderson) Mackinnon in *Zimologia Médica*, p. 106, 1946. [Syn. not cited].
- **mucrogonosa** (Benham) Mackinnon in *Zimologia Médica*, p. 107, 1946. [Syn. not cited].
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- **ovoidea** (Anderson) Mackinnon in *Zimologia Médica*, p. 105, 1946. (Syn. *Cryptococcus ovoideus* Anderson).
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HOST INDEX

For Phanerogams see under families; for Algae, Fungi, and Pteridophyta see under those names; for animal hosts see under Insecta and Invertebrata.

ACANTHACEAE

Brillantaisia nitens

Meliola brilliantaisiae

Justicia betonica

Chrysocelis indica

Thunbergia chrysopidis

Irenina thunbergiae-chrysops

Thunbergia cynanchifolia

Meliola thunbergicola

ACERACEAE

Acer circinatum

Taphrina darkeri

AGAVACEAE

Dracaena mannii

Meliola interrupta

Sansevieria liberica

Meliola subdentata var. *microspora*

ALGAE

Closterium

Micromycopsis mirabilis

Cylindrocystis brebissonii

Endodesmidium formosum

Cylindrocystis crassa

Endodesmidium formosum

Mougeotia

Micromyces echinocystis

Micromyces laevis

Netrium oblongum

Endodesmidium formosum

Zygnema

Micromyces echinocystis

Micromyces minimus

Micromyces wheldenii

Micromycopsis intermedia

Phlyctochytrium magnum

AMARYLLIDACEAE

Agave americana

Cylindrocolla longispora

ANACARDIACEAE

Anacardium occidentale

Meliola anacardii var. *minor*

Mangifera indica

Phoma mangiferae

Pseudospondias microcarpa

Meliola pseudospondiadis

Sorindeia juglandifolia

Meliola sorindeiae

ANONACEAE

Uvaria afzelii

Meliola popowiae var. *tenuis*

APOCYNACEAE

Carpodinus dulcis

Meliola voacangae var. *carpodini*

APOCYNACEAE (continued)

Conopharyngia longiflora

Meliola voacangae var. *conopharyngiae*

Funtumia africana

Meliola voacangae var. *funtumiicola*

Malouetia heudelotii

Meliola malouetiae

Plumeria rubra

Irenina plumeriae

AQUIFOLIACEAE

Ilex aquifolium

Ascochyta ilicicola

Ilex montana

Meliola ilicicola

ASCLEPIADACEAE

Marsdenia volubilis

Aecidium marsdeniae

Periploca nigrescens

Schiffnerula periplocae

BALSAMINACEAE

Impatiens irvingi

Aecidium le-testuanum

BETULACEAE

Betula

Taphrina americana

Carpinus duinensis

Diplodia carpinicola

BIGNONIACEAE

Bignonia tweldiana

Xylaria cupressiformis f. *brachipodia*

Distictis lactiflora

Meliola distictidis

Newbouldia laevis

Meliola newbouldiae

Stereospermum tetragonum

Melampsora stereospermi

Tabebuia berterii

Meliola bignoniacearum var. *tabebuiae*

CAESALPINIACEAE

Berlinia heudelotiana

Meliola berliniae

Caesalpinia sappan

Meliola aethiops var. *caesalpiniae*

Cassia absus

Ravenelia berkeleyi

Cassia kirkii

Schiffnerula cassiae

Cassia siamea

Meliola aethiops var. *minor*

Copaifera copallifera

Meliola copaiferae

CAESALPINIACEAE (continued)

- Daniellia thurifera*
Meliola danielliae
Delonix regia
Meliola aethiops var. *flexuosa*
Erythrophleum guineense
Meliola erythrophlei
Mezoneurum benthamiani
Meliola mezoneuri

CAPPARIDACEAE

- Capparis aphylla*
Bagnisiopsis capparidis
Leptosphaeria capparidicola
Capparis erythrocarpa
Irenina capparidis

CAPRIFOLIACEAE

- Linociera cumingiana*
Meliola linociericola
Sambucus canadensis
Synchytrium sambuci
Sambucus ebulus
Phoma sambuci-ebuli
Viburnum tinoides
Meliola aequatoriensis

CARYOPHYLLACEAE

- Dianthus brachyanthus*
Coniothyrium dianthicola
Gloeosporium pachybasoides

CHENOPODIACEAE

- Chenopodium album*
Phoma chenopodii

CISTACEAE

- Cistus*
Camarosporium cisti

COMBRETACEAE

- Combretum mooreani*
Irenina combreti var. *major*
Terminalia ivorensis
Irenina terminaliae
Terminalia paniculata
Uredo terminaliae-paniculatae

COMPOSITAE

- Acroptilon picris*
Ramularia acroptili
Aretium
Asteroma arctii
Rhabdospora arctii
Carlina graeca
Phoma carlinae
Gynoxis
Cladosporium gynoxidicola
Septoria gynoxidina
Ixeris oldhami
Protomyces ixeridis-oldhami
Puccinia ixeridis-oldhami

Liabum

- Dimerium liabinum*

Liabum pellalangense

- Mycosphaerella liabi*

Mikania

- Cladosporium aequatoriense*

Mikania scandens

- Irenopsis mikaniae*

Piptocarpha

- Phyllachora piptocarphae*

CONIFERAE

- Juniperus nana*
Micropeltis juniperi
Larix europea
Lachnea mariae
Picea abies
Corticium lundellii
Picea excelsa
Aleuria pectinospora
Helotium taborense

CONIFERAE (continued)

- Pinus mugo*
Mycocacia pinicola
 CONNARACEAE
Connarus africanus
Meliola roureae var. *major*
Manotes longiflora
Meliola manotis

CONVOLVULACEAE

- Bonamia cymosa*
Meliola bonamiae
Calystegia soldanella
Septoria calystegiae

CORIARIACEAE

- Coriaria*
Septoria coriariicola
Coriaria thymifolia
Thrinacospora insignis

CRUCIFERAE

- Cardamine pratensis*
Cercospora cardamines
Raphanus sativus var. *longipinnatus*
Fusarium oxysporum f. *raphani*

CYCADACEAE

- Cycas circinalis*
Phyllosticta cycadis
Sphaeropsis cycadis

CYPERACEAE

- Eleocharis dulcis*
Dermatosorus eleocharidis
Fimbristylis monostachya
Thecaphora fimbristylidis
Scirpus articulatus
Entyloma scirpicola
Scirpus holoschoenus
Metasphaeria cavanillesiana
Scleria
Meliola apiculata
Scleria centralis
Cintractia sclericola

DILENIACEAE

- Tetracera potatoria*
Irenina tetracerae

DIOSCOREACEAE

- Dioscorea*
Meliola dioscoreae
Meliola dioscoreicola

DIPTEROCARPACEAE

- Anisoptera thurifera*
Asterina anisoptercola
Asterina rizalensis

EBENACEAE

- Diospyros heudelotii*
Irenina diospyricola
Meliola hirsuta

ERICACEAE

- Arbutus unedo*
Elsinoë mattirolanum
Arctostaphylos alpina
Exobasidium angustisporum
Cavendishia
Coccomyces consociatus
Ophiodothella sydownii

Disterigma

- Dimerium tungurahuense*

Psammisia

- Sphaerulina quitensis*
Vaccinium leschnaultii
Exobasidium triseptatum

EUPHORBIACEAE

- Acalypha*
Phyllachora pichinchae

EUPHORBIACEAE (continued)

- Alchornea cordifolia
Irenina hansfordii var. *densa*
 Breynia patens
Ravenelia breyniae-patentis
 Bridelia retusa
Uredo malabarica
 Croton
Meliola janeirensis
 Croton gossypifolius
Schiffnerula crotonis
 Euphorbia characias
Peronospora embergeri
 Euphorbia dawei
Pestalotia carbonacea
 Euphorbia sibthorpii
Phoma sibthorpii
 Hevea brasiliensis
Asteronectrioidea heveicola
Didymosphaeria polyspora
 Hymenocardia lyrata
Meliola hymenocardiae
 Maesobotrya sparsiflora
Meliola maesobotryae
 Omphalea
Asterina omphaleae
 Phyllanthus polyphyllus
Ravenelia phyllanthi
 Phyllanthus reticulatus
Ravenelia kirganelliae
 Ricinus communis
Schiffnerula ricini
 Sapium
Torsellia sydownii
 Tetrorchidium didymostemon
Amazonia tetrorchidii

FAGACEAE

- Nothofagus
Inonotus nothofagi
 Quercus
Cercoseptoria quercina
Cerinomyces pallidus
 Quercus lanuginosa
Monochetia quercina

FLACOURTIACEAE

- Caloncoba echinata
Irenina deightonii

FUNGI

- Discomycete
Acanthostigma glabrescens
 Karlingia rosea
Olpidiopsis karlingiae
Olpidiopsis schenkiana
Ectrogella besseyi
 Phyllachora disseminata
Leptosphaeria phyllachoricola
 Phyllachora piptocarphae
Coniothyrium tungurahense
 Phyllachora tungurahensis
Leptosphaeria tungurahensis
 Polystomellaceae
Nectria tungurahuana
 Robledia eupatorii
Hendersonia roblediae
 Schiffnerula
Domingoella deightoni

GRAMINEAE

- Aristida acutiflora
Uredo aristidae-acutiflorae
 Bambuseae
Calonectria mindoensis
Hypocrella chusqueae

GRAMINEAE (continued)

- Bothriochloa intermedia
Ustilago bothriochloae-intermediae
 Bracharia distachya
Tolyposporella brachariae
 Buchloë dactyloides
Helminthosporium buchloë
 Chusquea serrulata
Dimeriella pumila
Nematostigma arachnoideum
 Coix lachryma-jobi
Puccinia operta
 Eleusine flagellifera
Massarina graminicola
Phoma graminis
 Festuca agustini
Phyllachora teneriffae
 Festuca filiformis
Camarosporium mirabile
Diplodina canariensis
Metasphaeria didymelloidea
Septoria obclavata
 Ischurochloa stenostachya
Chaetosphaeria stenostachyae
 Phragmites
Meliola arundinis var. *angulosa*
 Saccharum munja
Clypeothecium sacchari
 Saccharum spontaneum
Ophiobolus spirosporus
 Secale cereale
Puccinia clematidis-secalis
 Setaria chevalieri
Meliola setariae
 Sorghum vulgare var. *sudanense*
Helminthosporium sorghicola
 Stapfiola bipinnata
Puccinia stapfiolae
 Triticum
Macrophoma triticae
 Vetiveria zizanioides
Ustilago vetiveriae
 Vulpia myurus
Uromyces vulpiae

GUTTIFERAE

- Chrysochlamys
Phragmopeltis chrysochlamydis
 Clusia
Phyllachora clusiae
 Symphonia gabunensis
Irenina symphoniae

HIPPOCRATEACEAE

- Hippocratea clematoides
Irenina hippocrateae
 Hippocratea richardiana
Meliola hippocrateicola
 Hippocratea velutina
Schiffnerula hippocrateae

HYPERICACEAE

- Harungana madagascariensis
Meliola leonensis

INSECTA

- Ants
Gibellula formicarum
Hirsutella liberiana
Torribiella liberiana
 Lepidoptera
Hirsutella ramosa
 Scale insects
Torribiella confragosa

INVERTEBRATA (other than Insecta)

Amoeba papyracea

Endocochlus binarius

Opilioneidea (Arachnida)

Torrubiella pulvinata

LABIATAE

Achyrosperrum oblongifolium

Meliola achyrosperrmi

LAURACEAE

*Asteroscutula sydownii**Echidnodes sydownii*

Beilschmiedia roxburghiana

Gopiana indica

Benzoin

*Puccinia aequitatis**Puccinia cara**Puccinia seposita*

Cinnamomum

Puccinia cinnamomicola

Lindera

Puccinia coronopora

Lindera strychnifolia

Puccinia lauricola

Litsea

Puccinia morata

Machilus

*Puccinia machili**Puccinia machilicola*

?Nectandra

Phyllachora detecta

Neolitsea

Armatella yatesii

Persea

Puccinia scimitriformis

Phoebe costaricana

Meliola phoebe

LECYTHIDACEAE

Napoleona heudelotii

Meliola napoleonae

LEGUMINOSAE

*Meliola franciscana**Meliola sydownii*

Acacia arabica

Ravenelia acaciae-arabicae

Acacia concinna

Ravenelia acaciae-concinnae

Acacia mollissima

Polyporus doidegae

Acacia suma

Ravenelia acaciae-sumae

Astragalus frigidus

Ophiobolus lapponicus

Astragalus purpureus

Peronospora astragali-purpurei

Baphia nitida

Meliola baphiae-nitidae

Baphia polygalacea

Meliola baphiae-polygalaceae

Calycotome villosa

Diplodia calycotomes-villosae

Dalbergia

Meliola scabriseta

Desmodium salicifolium

Meliola stizolobii var. *desmodii-salicifolii*

Dorycnopsis gerardi

Uromyces gausseni

Entada gigans

Meliola entadae

Eriosema glomeratum

Meliola stizolobii var. *eriosematis*

Hippocrepis unisiliquosa

Uromyces gaeumanni

Inga

Xenochora sydownii

LEGUMINOSAE (continued)

Lathyrus luteus

Septoria blumeri

Leptoderris fasciculata

Meliola ostryoderridis var. *leptoderridis*

Lupinus polyphyllus

Helotium suzai

Medicago arborea

Uromyces heimi

Milletia rhodantha

Meliola millettiae-rhodanthae

Milletia sanagana

Meliola millettiae-sanaganae

Mucuna aterrima

Meliola stizolobii

Mucuna urens

Meliola mucunae

Onobrychis cornuta

Ascochyta orobi f. *macrocarpa*

Ormocarpum verrucosum

Meliola ormocarpi

Ostryoderris leucobotrya

Meliola ostryoderridis

Phaseolus mungo

Synchytrium phaseoli

Physostigma venenosum

Meliola physostigmatis

Platysepalum

Meliola platysepalii

Prosopis spicigera

Botryosphaeria prosopidis

Pterocarpus santalinoides

Meliola pterocarpicola

Vicia pubescens

Uromyces mangenoti

Vigna gracilis

Meliola vignae-gracilis

LILIACEAE

Allium cepa

Puccinia allii-cepulae

Aphyllanthes monspeliensis

Macrophoma aphyllantis

Asphodelus tenuifolius

Macrophoma asphodeli

Urginea maritima

Asteromella urginae

LINACEAE

Hugonia planchonii

Meliola hugoniae

Oechthocosmus africanus

*Meliola linacearum**Meliola ochthocosmi**Meliola ochthocosmicola*

LOGANIACEAE

Anthocleista frezoulsii

Irenina anthocleistae

Gaertnera paniculata

Meliola vicina var. *gaertnerae*

Spigelia anthelmia

Schiffnerula spigeliae

Usteria guineensis

Meliola usteriae

LORANTHACEAE

Loranthus bangwensis

Meliola loranthi var. *bangwensis*

LYTHRACEAE

Adenaria

Antimanopsis aequatoriensis

MAGNOLIACEAE

Magnolia pumila

Phyllosticta magnoliae-pumilae

MALPIGHIACEAE

Asterolibertia ulei

MALPIGHIACEAE (continued)

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Irenopsis acridocarpicola

Malpighia glabra

Irenopsis malpighiae

MALVACEAE

Althea rosea

Itersonia perplexans

Gossypium

Didymosphaeria verrucispora

MELASTOMACEAE

Dissotis paucistellata

Meliola dissotidis

Memecylon subfurfuraceum

Stachybotryella bispora

MELIACEAE

Carapa procera

Meliola carapae

Khaya grandifolia

Meliola khayae var. *minor*

MENISPERMACEAE

Tiliacora

Meliola cissampeli var. *tiliacorae*

MIMOSACEAE

Albizzia gummiifera

Meliola albizziae

Albizzia zygia

Meliola albizziae var. *zygiae*

Cathormion altissimum

Irenopsis cathormionis

Piptadenia elliotii

Meliola piptadeniae

MORACEAE

Antiaris africana

Irenina ugandensis var. *antiaridis*

Dorstenia walleri

Aecidium dorsteniae-walleri

Ficus

*Cronartium fici**Scopella fici*

Ficus elastica

Phyllosticta ficina

Morus alba

Valsella moricola

Morus nigra

Cercospora bremeri

MYRTACEAE

Eugenia

*Corynelia sydownii**Mycosphaerella aequatoriensis**Phyllachora emarginata**Septoria pichinchica*

Psidium guajava

Phoma psidii

NYCTAGINACEAE

Boerhaavia diffusa

Phoma nyctaginea var. *boerhaaviae*

OCHNACEAE

Ouratea flava

Meliola ourateae

OLEACEAE

Jasminum flexile

Puccinia jasminicola

Jasminum mesnyi

Phaeodothiora sinensis

Phillyrea latifolia

Clypeosphaeria phillyreae

OPILIACEAE

Champerea cumingiana

Asterina champereiae

ORCHIDACEAE

Satyrium nepalense

Coleosporium satyrii

PALMAE

*Anthostomella lodhii**Phomopsis mindoensis*

Ancistrophylum secundiflorum

Meliola mauritiae var. *ancistrophylli*

Calamus deerati

Meliola calami

Cocos nucifera

Catacauma torrendiella

Elaeis guineensis

Pestalotia mayumbensis

Raphia gracilis

Meliola mauritiae var. *raphiae*

PANDANACEAE

Pandanus candelabrum

Meliola pandanicola

PASSIFLORACEAE

Smeathmannia laevigata

Meliola smeathmanniae

PEDALIACEAE

Ceratotheca sesamoides

Meliola microspora var. *ceratothecae*

PIPERACEAE

Piper betle

Colletotrichum dasturii

PLATANACEAE

Platanus orientalis

Camarosporium platani

PLUMBAGINACEAE

Armeria pungens

Didymosphaeria armeriae

POLYGALACEAE

Carpolobia lutea

Meliola carpolobiicola

POLYGONACEAE

Polygonum aviculare

Phoma polygoni-aviculare

Polygonum convulvulus

Macrosporium convolvuli

POLYPODIACEAE

Blechnum sp.

Taphrina blechni

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Eichhornia crassipes

Cephalosporium eichhorniae

PTERIDOPHYTA

Trismeria

Cercospora trismeriae

RANUNCULACEAE

Clematis vitalba

Puccinia clematidis-secalis

RHAMNACEAE

Zizyphus jujuba

*Humarina zizyphi**Phoma zizyphina*

RHIZOPHORACEAE

Anisophyllea laurina

Meliola anisophylleae

ROSACEAE

Crataegus

Achlya intricata

Fragaria

Synchytrium fragariae

Geum reptans

Puccinia tatrensis

Licania

Asterolibertia licanicola

Potentilla rupestris

Sphaerella broteriana

Prunus ilicifolia

Taphrina thomasi

Prunus padus

Taphrina padi

ROSACEAE (continued)

- Prunus persica*
Melanconium majusculum
Pyrus lindleyi
Taphrina orientalis
Rubus
Clypeocerospora rubi

RUBIACEAE

- Amaralia heinsioides*
Meliola amaraliae
Mitragyna stipulosa
Meliola canthii var. *leonensis*
Morinda lucida
Meliola psychotriae var. *densa*
Randia genipiflora
Meliola randiae
Meliola tunkiaensis
Randia hispida
Meliola kibirae var. *leonensis*
Randia maculata
Meliola kibirae var. *randiae*
Rubia tinctorum
Septoria maireana
Sarcocephalus esculentus
Irenina sarcocephali
Virecta multiflora
Meliola vicina var. *minor*

RUTACEAE

- Meliola koniaensis*
Citrus
Guignardia citricarpa
Fagara martinicensis
Meliola fagaræ-martinicensis

SALICACEAE

- Populus fremontii*
Taphrina populi-salicis
Populus trichocarpa
Taphrina populi-salicis
Salix alba
Phoma salicis-albae
Salix laevigata
Taphrina populi-salicis

SALVADORACEAE

- Salvadora oleoides*
Phomatospora salvadorina
Valsaria salvadorina
Salvadora persica
Cercospora salvadorae

SAMYDACEAE

- Homalium dolichophyllum*
Meliola homalii-dolichophylli

SAPINDACEAE

- Allophylus africanus*
Meliola capensis var. *allophyllicola*
Blighia sapida
Meliola capensis var. *blighiae*
Lecaniodiscus cupanioides
Meliola capensis var. *lecaniodisci*

SAPOTACEAE

- Butyrospermum parkii*
Meliola butyrospermi
Sideroxylon
Amazonia sideroxyli

SCROPHULARIACEAE

- Meliola uli*
Antirrhinum majus
Macrophoma antirrhini

SCROPHULARIACEAE (continued)

- Scoparia dulcis*
Schiffnerula scopariae
Veronica bellidioides
Plenodomus helveticus
SCYTOPETALACEAE
Scytopenetum tieghemii
Meliola scytopenetali
SOLANACEAE
Saracha jultomata
Phoma oleracea f. *sarachae*
Solanum laurifolium
Schiffnerula costaricensis
Solanum melongena
Schiffnerula solani
Solanum tuberosum
Phytophthora himalayensis

STERCULIACEAE

- Cola nitida*
Irenopsis collicola
Irenopsis njalaensis
Dombeya buetneri
Irene dombeyae
Sterculia tragacantha
Meliola sterculiae
Tarrietia utilis
Irenopsis tarrietiae

TAMARICACEAE

- Tamarix articulata*
Valsaria tamaricis

THEACEAE

- Camellia thea*
Pestalotia aeruginea
Gordonia obtusa
Exobasidium nilagiricum

ULMACEAE

- Celtis tetrandra*
Exobasidium celtidis
Ulmus campestris
Phleospora ulmea

UMBELLIFERAE

- Anthriscus silvestris*
Ophiobolus nigromaculatus

URTICACEAE

- Pilea parietaria*
Irenina pileae
Pipturus arborescens
Irenina pipturi

VELLOZACEAE

- Barbacennia purpurea*
Irenina barbacenniae

VERBENACEAE

- Aegiphila alata*
Irenina aegiphilae
Premna hispida
Irenina premnae
Premna odorata
Meliola premnae

VITACEAE

- Cissus*
Aecidium cissicola
Mycosyrinx microspora
Cissus caesia
Meliola cissi-caesiae

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